

GenCore version 4.5  
Copyright (c) 1993 - 2000 CompuGen Ltd.

## OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:17 ; Search time 46.88 Seconds

(without alignments)  
8.427 Million cell updates/sec

Title: US-09-331-631A-39

Perfect score: 54

Sequence: 1 CXXXCXXXXXXXXXXCXXC 22

Scoring table: BLOSUM62DX

Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

## Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/prodata/2/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/2/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/1aa/6\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/1aa/PCTRUS\_COMB.pep:\*  
5: /cgn2\_6/prodata/2/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	54	100.0	38	2	US-08-761-248B-11
2	54	100.0	39	1	US-08-036-555B-40
3	54	100.0	39	1	US-08-469-569-40
4	54	100.0	39	1	US-08-390-882A-1
5	54	100.0	39	1	US-08-390-882A-2
6	54	100.0	39	1	US-08-390-882A-3
7	54	100.0	39	1	US-08-249-322A-40
8	54	100.0	39	1	US-08-469-526A-40
9	54	100.0	39	2	US-08-734-591A-40
10	54	100.0	39	2	US-08-469-660-40
11	54	100.0	39	4	PCT-US94-05083C-40
12	54	100.0	39	4	PCT-US95-06846A-40
13	54	100.0	42	2	US-08-761-248B-15
14	54	100.0	43	2	US-08-761-248B-13
15	54	100.0	44	2	US-08-761-248B-12
16	54	100.0	45	1	US-08-632-691-1
17	54	100.0	47	3	US-08-482-085B-91
18	54	100.0	57	3	US-07-609-716-56
19	54	100.0	61	2	US-08-785-530-3
20	54	100.0	61	2	US-09-123-850-3
21	54	100.0	70	3	US-09-188-930-131
22	54	100.0	235	1	US-08-469-667-4
23	54	100.0	235	4	PCT-US95-07289-4
24	54	100.0	285	3	US-08-482-085B-20
25	54	100.0	297	2	US-08-580-545B-6
26	54	100.0	297	3	US-09-262-653A-6
27	54	100.0	362	1	US-08-415-751-6
28	54	100.0	362	1	US-08-415-751-35

## ALIGNMENTS

29	54	100.0	469	2	US-08-477-451-23	Sequence 23, App1
30	54	100.0	488	1	US-08-243-542-1	Sequence 1, App1
31	54	100.0	488	1	US-08-477-407-1	Sequence 1, App1
32	54	100.0	488	1	US-08-484-355-1	Sequence 1, App1
33	54	100.0	524	1	US-08-243-542-2	Sequence 2, App1
34	54	100.0	524	1	US-08-477-407-2	Sequence 2, App1
35	54	100.0	524	1	US-08-484-355-2	Sequence 2, App1
36	54	100.0	566	1	US-07-955-905A-2	Sequence 2, App1
37	54	100.0	566	1	US-07-955-905A-22	Sequence 2, App1
38	54	100.0	587	1	US-07-955-905A-23	Sequence 2, App1
39	54	100.0	644	1	US-08-336-708A-9	Sequence 2, App1
40	54	100.0	655	2	US-08-272-255-18	Sequence 9, App1
41	54	100.0	655	4	PCT-US95-08565-18	Sequence 18, App1
42	54	100.0	670	1	US-08-243-542-3	Sequence 3, App1
43	54	100.0	670	1	US-08-477-407-3	Sequence 3, App1
44	54	100.0	670	1	US-08-484-355-3	Sequence 3, App1
45	54	100.0	680	3	US-08-761-136-1	Sequence 1, App1

## RESULT 1

US-08-761-248B-11

Sequence 11, Application US/08761248B

Patent No. 5958735

GENERAL INFORMATION:

APPLICANT: ROWLEY, DAVID R.

TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH

NUMBER OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES

CORRESPONDENCE ADDRESSES: 15

ADDRESSER: Jenkins &amp; Gilchrist

STREET: 1100 Louisiana, Suite 1800

CITY: Houston

STATE: TX

COUNTRY: USA

ZIP: 77002

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/761,248B

FILING DATE: 06-DEC-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/008,348

FILING DATE: 07-DEC-1995

ATTORNEY/AGENT INFORMATION:

NAME: Turley, Charles P.

REGISTRATION NUMBER: 35,723

REFERENCE/DOCKET NUMBER: 34012.6

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713)9513310

TELEFAX: (713)9513314

TELEX:

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-761-248B-11

Query Match 100.0%; Score 54; DB 2; Length 38;

Best Local Similarity 18.2%; Pred. No. 74;

Matches 4; Conservative 18; Mismatches 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXC 22

Db 10 CTQECVSECDNLCCKCSAGC 31

RESULT 2  
US-08-036-555B-40  
; Sequence 40, Application US/08036555B  
; Patent No. 5530109  
; GENERAL INFORMATION:  
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;  
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionl, Mark;  
; APPLICANT: Chen, Maio Su; Hiles, Ian  
; TITLE OF INVENTION: Glial Mitogenic Factors, Their  
; PREPARATION AND USE  
; NUMBER OF SEQUENCES: 184  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York City  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
; COMPUTER: IBM  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/036,555B  
; FILING DATE: 24-MAR-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/965,173  
; FILING DATE: 23-OCT-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/940,389  
; FILING DATE: 03-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/907,138  
; FILING DATE: 30-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/863,703  
; FILING DATE: 03-APRIL-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: U.K. 91 07566.3  
; FILING DATE: 10-APRIL-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tsai, Christine H.  
; REGISTRATION NUMBER: 34,266  
; REFERENCE/DOCKET NUMBER: LUD 5250.4  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 39  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
US-08-036-555B-40

Query Match 100.0%; Score 54; DB 1; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22

Db 13 CACRCAGAGGCTCTCTCCTTC 34

RESULT 3  
US-08-469-569-40

; Sequence 40, Application US/08469569  
; Patent No. 5606032  
; GENERAL INFORMATION:  
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;  
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionl, Mark;  
; APPLICANT: Chen, Maio Su; Hiles, Ian  
; TITLE OF INVENTION: Glial Mitogenic Factors, Their  
; PREPARATION AND USE  
; NUMBER OF SEQUENCES: 184  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York City  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
; COMPUTER: IBM  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/469,569  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/036,555  
; FILING DATE: 24-MAR-1993  
; APPLICATION NUMBER: 07/965,173  
; FILING DATE: 23-OCT-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/940,389  
; FILING DATE: 03-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/907,138  
; FILING DATE: 30-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/863,703  
; FILING DATE: 03-APRIL-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: U.K. 91 07566.3  
; FILING DATE: 10-APRIL-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tsai, Christine H.  
; REGISTRATION NUMBER: 34,266  
; REFERENCE/DOCKET NUMBER: LUD 5250.4  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 39  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
US-08-469-569-40

Query Match 100.0%; Score 54; DB 1; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22

Db 13 CACRCAGAGGCTCTCTCCTTC 34

RESULT 4  
US-08-390-882A-1  
; Sequence 1, Application US/08390882A  
; Patent No. 5688764  
; GENERAL INFORMATION:  
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice

```

; TITLE OF INVENTION: Insecticidal Peptides from Spider Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acids
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOTHEICAL:
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: Callisoga sp.
; INDIVIDUAL ISOLATE: peptide A
; ORGANELLE: Venom glands
;
; US-08-390-882A-1
;
; Query Match 100.0%; Score 54; DB 1; Length 39;
; Best Local Similarity 18.2%; Pred. No. 75;
; Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXXXXCXXC 22
; Db 15 CCGNCCTFWTCYIRKDPCKEC 36
;
; RESULT 5
; US-08-390-882A-2
; Sequence 2, Application US/08390882A
; Patent No. 5688764
;
; GENERAL INFORMATION:
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
; TITLE OF INVENTION: Insecticidal Peptides from Spider Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
;
; US-08-390-882A-1
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOTHEICAL:
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: Callisoga sp.
; INDIVIDUAL ISOLATE: peptide B
; ORGANELLE: Venom glands
;
; US-08-390-882A-2
;
; Query Match 100.0%; Score 54; DB 1; Length 39;
; Best Local Similarity 18.2%; Pred. No. 75;
; Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXXXXCXXC 22
; Db 15 CCGNCCTFWTCYIRKDPCKEC 36
;
; RESULT 6
; US-08-390-882A-3
; Sequence 3, Application US/08390882A
; Patent No. 5688764
;
; GENERAL INFORMATION:
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
; TITLE OF INVENTION: Insecticidal Peptides from Spider Venom
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 FIRST INTERSTATE BUILDING
; STREET: 170 SOUTH MAIN STREET
; CITY: SALT LAKE CITY
; STATE: UTAH
; COUNTRY: USA
; ZIP: 84101
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,882A
; FILING DATE: NO. 5688764e assigned
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: L. CRAIG METCALF
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1094.2.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 537-1700
; TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
```



TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-526A-40

Query Match 100.0%; Score 54; DB 1; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22  
Db 13 CACRCAAGAGCTCTCTCCTTC 34

RESULT 9  
US-08-734-591A-40  
Sequence 40, Application US/08734591A  
Patent No. 5854220  
GENERAL INFORMATION:  
APPLICANT: Goodearl, Andrew  
APPLICANT: Stroobant, Paul  
APPLICANT: Mungbetti, Luisa  
APPLICANT: Waterfield, Michael  
APPLICANT: Hiles, Ian  
APPLICANT: Marchionni, Mark  
TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR  
NUMBER OF SEQUENCES: 187  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Ebling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM Compatible Pentium  
OPERATING SYSTEM: Windows95  
SOFTWARE: Wordperfect (Version 7.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/734,591A  
FILING DATE: 22-OCT-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/470,335  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/036,555  
FILING DATE: 03-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/965,173  
FILING DATE: 23-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/940,389  
FILING DATE: 03-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/907,138  
FILING DATE: 30-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/863,703  
FILING DATE: 03-APR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: UK 91 07566.3  
FILING DATE: 10-APR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Bleker-Brady, Kristina  
REGISTRATION NUMBER: 39,109  
REFERENCE/DOCKET NUMBER: 04585/00200P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 428-0200

TELEFAX: (617) 428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-734-591A-40

Query Match 100.0%; Score 54; DB 2; Length 39;  
Best Local Similarity 18.2%; Pred. No. 75;  
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXXXCXXC 22  
Db 13 CACRCAAGAGCTCTCTCCTTC 34

RESULT 10  
US-08-469-660-40  
Sequence 40, Application US/08469660  
Patent No. 5876973  
GENERAL INFORMATION:  
APPLICANT: Gwynne, David I.; Marchionni, Mark;  
APPLICANT: McBurney, Robert N.  
TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
ZIP: 0211-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,660  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/011,396  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/984,085  
FILING DATE: 01-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/951,747  
FILING DATE: 25-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/927,337  
FILING DATE: 10-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 04585/017004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: 200154  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-469-660-40

Patent No 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH  
TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES  
TITLE OF INVENTION:

```

:
:   NUMBER OF SEQUENCES: 15
:   CORRESPONDENCE ADDRESS:
:   ADDRESSEE: Jenkins & Gilchrist
:   STREET: 1100 Louisiana, Suite 1800
:   CITY: Houston
:   STATE: TX
:   COUNTRY: USA
:   ZIP: 77002
:   COMPUTER READABLE FORM:
:   MEDIUM TYPE: Diskette
:   COMPUTER: IBM Compatible
:   OPERATING SYSTEM: DOS
:   SOFTWARE: FASTSEQ for Windows Version 2.0
:   CURRENT APPLICATION DATA:
:   APPLICATION NUMBER: US/08/761,248B
:   FILING DATE: 06-DEC-1996
:   CLASSIFICATION: 435
:   PRIOR APPLICATION DATA:
:   APPLICATION NUMBER: 60/008,348
:   FILING DATE: 07-DEC-1995
:   ATTORNEY/AGENT INFORMATION:
:   NAME: Turley, Charles P
:   REGISTRATION NUMBER: 35,723
:   REFERENCE/DOCKET NUMBER: 34012.6
:   TELECOMMUNICATION INFORMATION:
:   TELEPHONE: (713)9513310
:   TELEFAX: (713)9513314
:   TELEX:
:   INFORMATION FOR SEQ ID NO: 15:
:   SEQUENCE CHARACTERISTICS:
:   LENGTH: 42 amino acids
:   TYPE: amino acid
:   STRANDEDNESS: single
:   TOPOLOGY: linear
:   MOLECULE TYPE: peptide
:   US-08-761-248B-15

Query Match          100.0%; Score 54; DB 2; Length 42;
Best Local Similarity 18.2%; Pred. No. 81;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXCXXXXXXXXXXCXXXC 22
:
:   DB 12 CVELSGDSCPNIGKCCSNGC 33

RESULT 14
US-08-761-248B-13
: Sequence 13, Application US/08/761248B
: Patent No. 5958735
: GENERAL INFORMATION:
: APPLICANT: ROWLEY, DAVID R.
: TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH
: TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Jenkins & Gilchrist
: STREET: 1100 Louisiana, Suite 1800
: CITY: Houston
: STATE: TX
: COUNTRY: USA
: ZIP: 77002
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/761,248B
: FILING DATE: 06-DEC-1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 44 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-12
```

```

:   APPLICATION NUMBER: 60/008,348
:   FILING DATE: 07-DEC-1995
:   ATTORNEY/AGENT INFORMATION:
:   NAME: Turley, Charles P
:   REGISTRATION NUMBER: 35,723
:   REFERENCE/DOCKET NUMBER: 34012.6
:   TELECOMMUNICATION INFORMATION:
:   TELEPHONE: (713)9513310
:   TELEFAX: (713)9513314
:   TELEX:
:   INFORMATION FOR SEQ ID NO: 13:
:   SEQUENCE CHARACTERISTICS:
:   LENGTH: 43 amino acids
:   TYPE: amino acid
:   STRANDEDNESS: single
:   TOPOLOGY: linear
:   MOLECULE TYPE: peptide
:   US-08-761-248B-13

Query Match          100.0%; Score 54; DB 2; Length 43;
Best Local Similarity 18.2%; Pred. No. 83;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXCXXXXXXXXXXCXXXC 22
:
:   DB 14 CVESCEVDNCSGVKCCSNGC 35

RESULT 15
US-08-761-248B-12
: Sequence 12, Application US/08/761248B
: Patent No. 5958735
: GENERAL INFORMATION:
: APPLICANT: ROWLEY, DAVID R.
: TITLE OF INVENTION: UROCENTRAL SINUS DERIVED GROWTH
: TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Jenkins & Gilchrist
: STREET: 1100 Louisiana, Suite 1800
: CITY: Houston
: STATE: TX
: COUNTRY: USA
: ZIP: 77002
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/761,248B
: FILING DATE: 06-DEC-1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/008,348
: FILING DATE: 07-DEC-1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Turley, Charles P
: REGISTRATION NUMBER: 35,723
: REFERENCE/DOCKET NUMBER: 34012.6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (713)9513310
: TELEFAX: (713)9513314
: TELEX:
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 44 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-761-248B-12
```

Query Match 100.0%; Score 54; DB 2; Length 44;  
 Best Local Similarity 18.2%; Pred. No. 84;  
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 CXXXXXXXXXXXXXXXXXCXC 22  
 1::1:::1:::1:::1  
 Db 10 CLHGCDSDSDCKEGKCFDGC 31

Search completed: March 1, 2001, 16:19:17  
 Job time: 510 sec